

Title (en)
INK KNIFE FOR A ROLLER IN AN INK TROUGH IN A PRINTING MACHINE

Publication
EP 0041117 B1 19840725 (DE)

Application
EP 81102671 A 19810409

Priority
DE 3020306 A 19800529

Abstract (en)
[origin: US4373445A] To permit independent adjustability of the working zones of a doctor blade, without interference of adjustment of one zone (10/1) with respect to adjacent zones (10/2, 10/3), the doctor blade (3) is subdivided by grooves (9) located at the upper surface thereof and positioned in pairs, which extend from the working edge (8) towards the clamping zone (4) of the doctor blade and converging towards each other in V-shaped formation to include an acute angle therebetween and define a transition zone (15) therebetween, the region (14) of the doctor blade beneath the grooves forming fulcrum points permitting hinge-like deflection of adjacent portions or zones of the doctor blade with respect to each other, without mutual interference of adjustment. The deformability of the doctor blade results in exactly defined transfer of ink in each inking zone (11/1, 11/2, 11/3) from the duct roller (2) to the inking transfer rollers of the printing system, without mutual influencing of adjacent inking zones.

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IPC 8 full level
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